

Meteorology Exam 2012 ANSWERS
2Lt Lazaruk

1. C

2. C

3. A

4. C

5. D

6. D

****HINT**** What happens when you cool something? Does it become more or less unstable? It becomes more stable! Cold air sinks! Ask yourself: what are the characteristics of stable air?

7. C

8. B

9. C

10. B

11. B

12. A

****HINT**** This question is asking you about which 'thing' controls how much water vapor a parcel of air can hold. Which of those 4 factors controls how much water vapor can be held in a parcel of air? Temperature!

13. C

14. B

15. C

16. C

17. C

18. B

19. C

20. B

****HINT** Be careful! Remember the connection between lapse rate and stability ;)**

21. A

22. D

23. D

24. A

25. D

26 (bonus). A

27 (bonus). C

****HINT** This question is asking about crabbing or angling into the wind to prevent the wind from pushing the airplane off course. Draw this out on paper and you should see that the wind is coming approx. from the north. Then put your back to that north wind. Where is the low pressure? To your left OR behind the plane.**